



TENON™ PENETRATING SEALERS COMPARITIVE PERFORMANCE EXAMPLES



The images below illustrate the depth of penetration of various Tenon™ Sealers. These 2” mortar cubes were immersed in the corresponding sealer for 1 minute, allowed to dry, and split in half. A contrast treatment was then applied to the split face surface allowing for a visual representation of surface penetration. (The limestone portion of the mortar cube reveals the depth of penetration. The black portion reveals area where the sealer did not reach.)



Control

No exposure
No penetration
0% active content
0 years weather protection

Tenon™ Concrete & Masonry Sealer WB

8% active content
60 second exposure
1–2mm (1/16”) active penetration
~4–8 years normal weather protection*

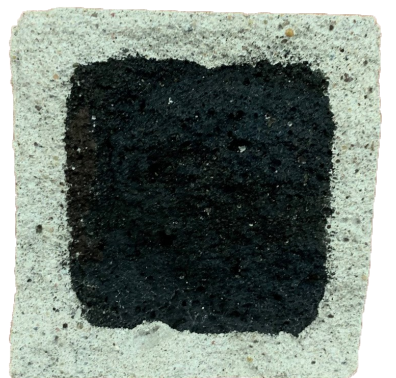


Tenon™ Siloxane Sealer

10% active content
60 second exposure
2–3mm (1/8”) active penetration
~8–12 years normal weather protection*

Tenon™ 100% Silane Sealer

100% active content
60 second exposure
7–8mm (+1/4”) penetration
~28–32 years normal weather protection*



* 3mm penetration equals 12 years protection / study by Khanzadeh, Subrink, & Ley 2016 with Oklahoma DOT